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### CN1127305A: BERYLLIUM COPPER ALLOY AND PRODUCING METHOD

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Country: **CN China**

Kind: **A Unexamined Applic. Open to Public Inspection**

Inventor(s): **MAO ZHIQIANG**, China  
**WEN GUOFU**, China  
**DUAN XIANGNAN**, China

Applicant(s): **BERYLLIUM COPPER ALLOY FACTORY, LENGSHUIJIANG CITY, China**  
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Issued/Filed Dates: **July 24, 1996 / May 4, 1995**

Application Number: **CN19959595110748**

IPC Class: **C22C 9/00;**

ECLA Code: **none**

Priority Number(s): **May 4, 1995 CN19959595110748**

Abstract: The present invention relates to a specific alloy and its production method. In addition to beryllium and copper said alloy contains the additive elements of nickel, chromium, titanium, cobalt and zirconium, and has the high strength, high hardness, high elasticity, high yield point, high fatigue limit, good wearability, resistance to corrosion, cold-resistance, and has no magnetism and doesn't produce spark when it is impacted. Its Rockwell hardness (HRC) is 35-55, tensile strength is 112-140 kg/sq.mm, torsion strength is 70-90 kg/sq.mm, torsion elasticity is 49-70 kg/sq.mm and elasticity limit is 77-105kg/sq.mm.

Other Abstract Info: **none**

Foreign References: **(No patents reference this one)**



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